

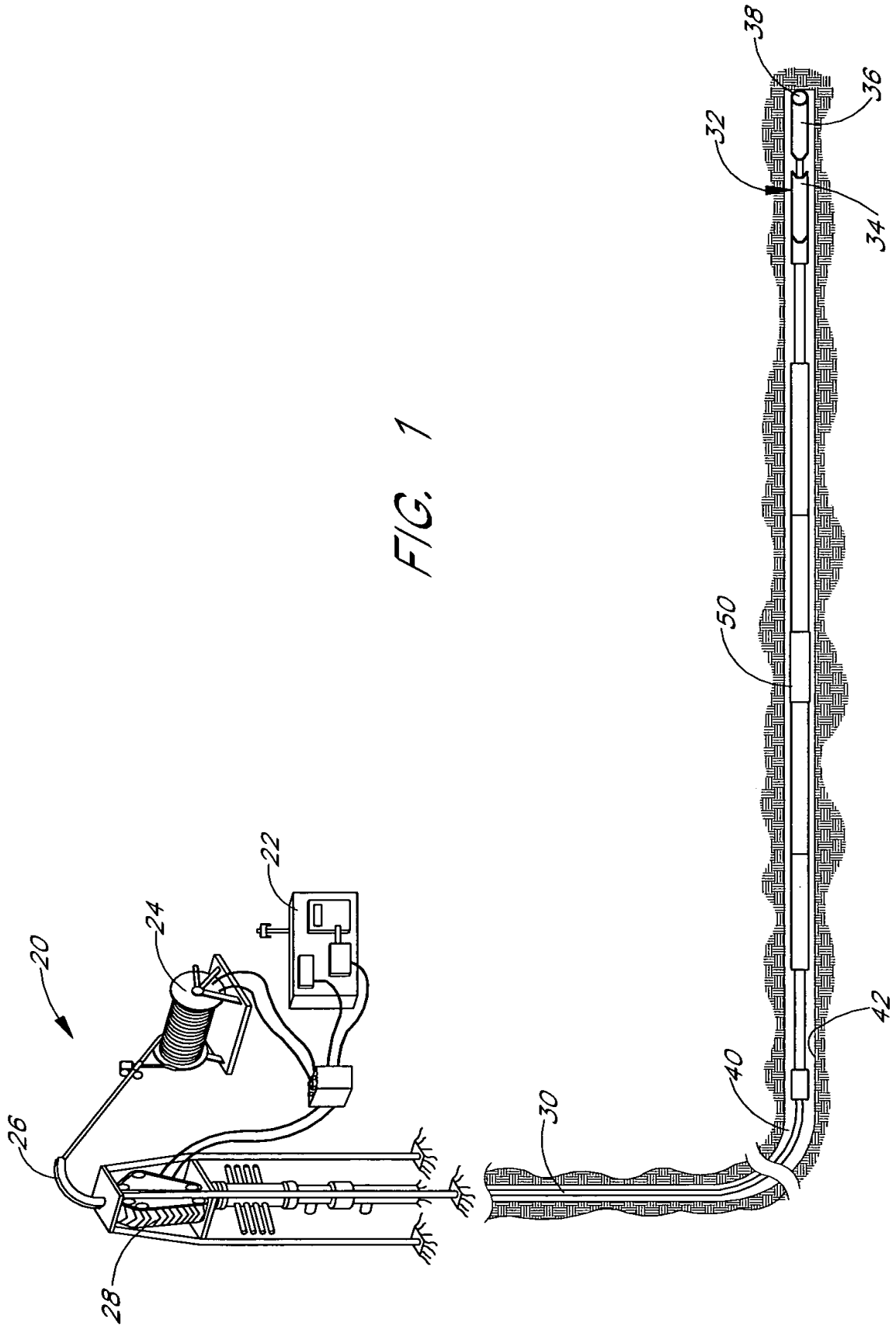
GRIPPER ASSEMBLY FOR DOWNHOLE TOOLS

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FIG. 1

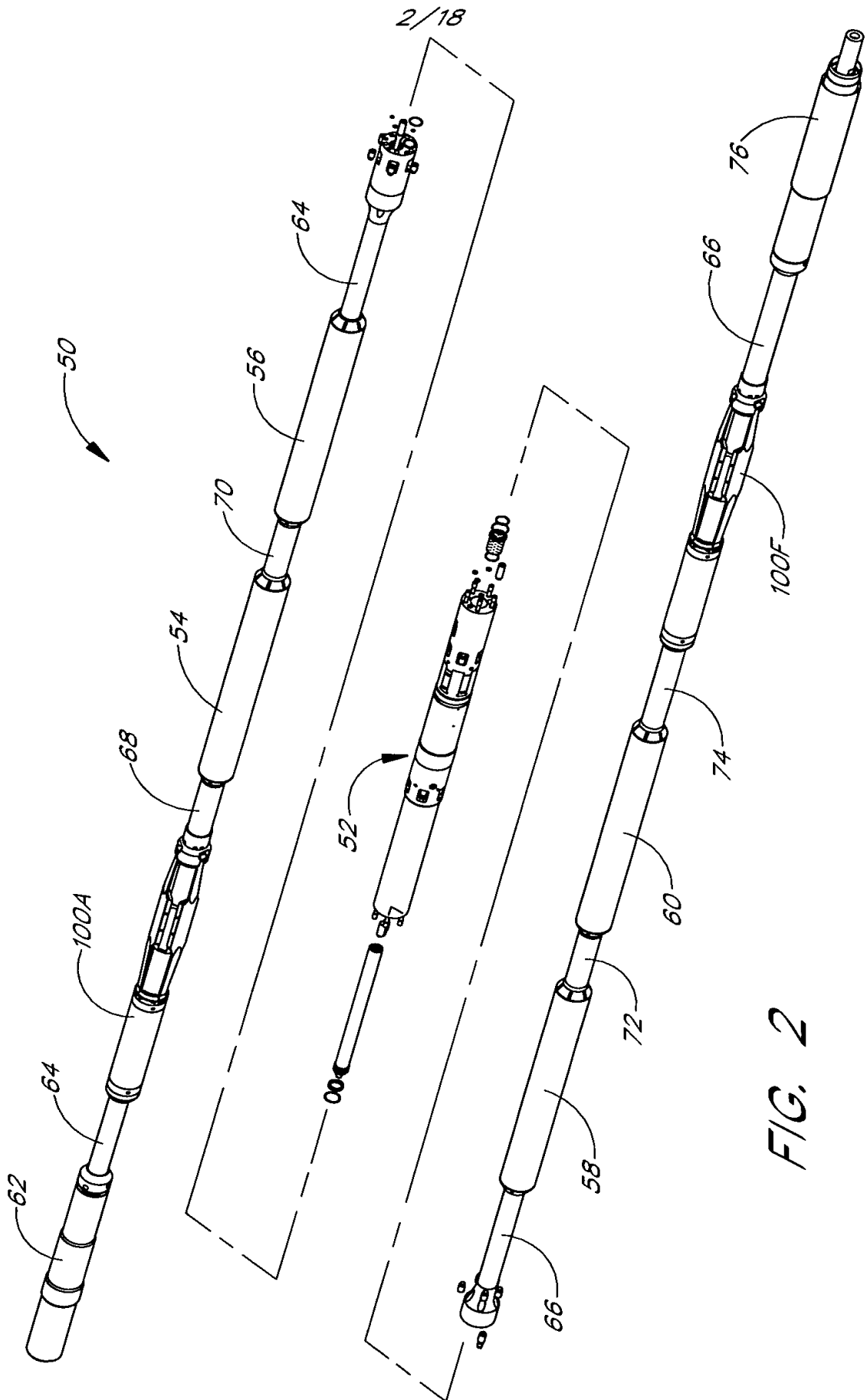


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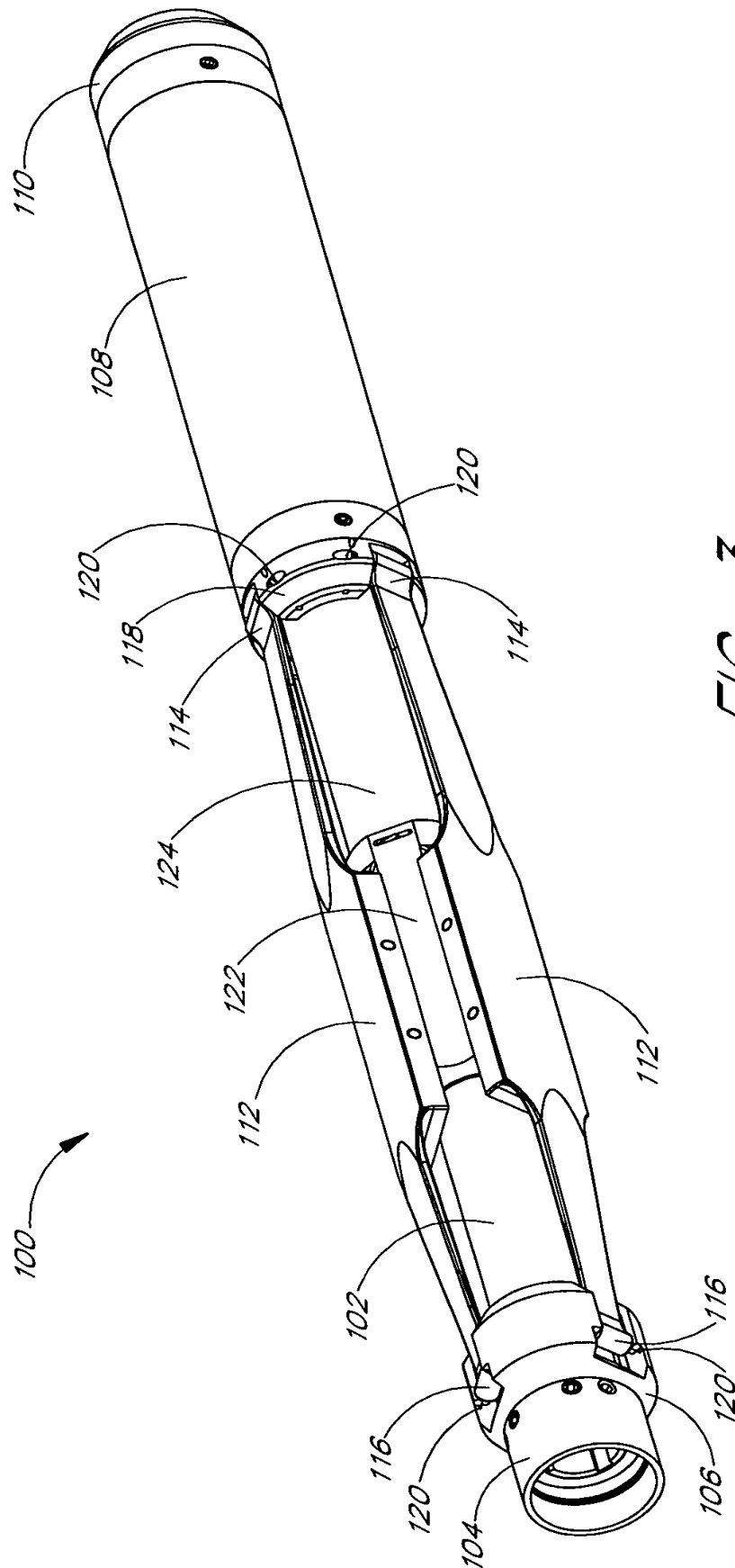
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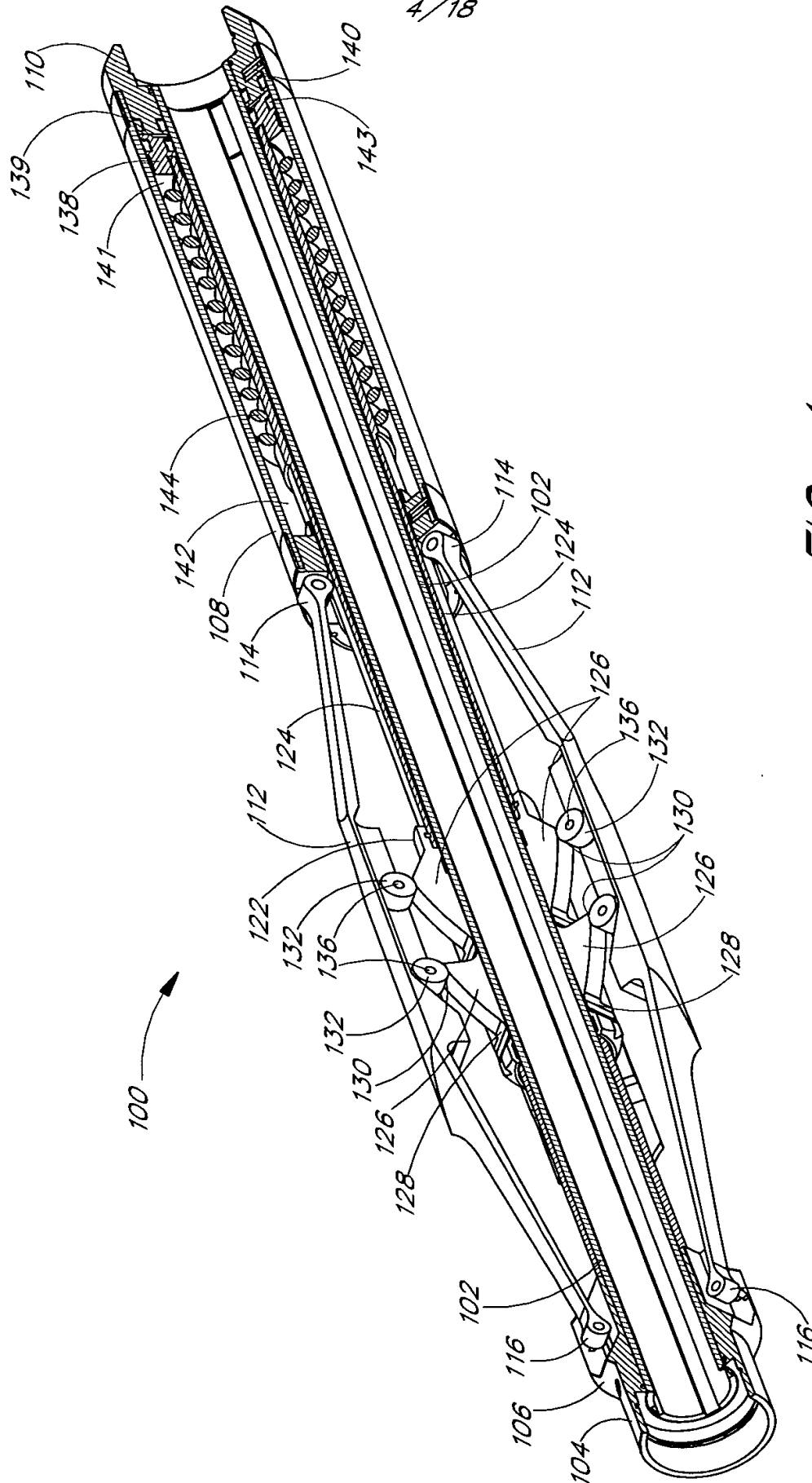


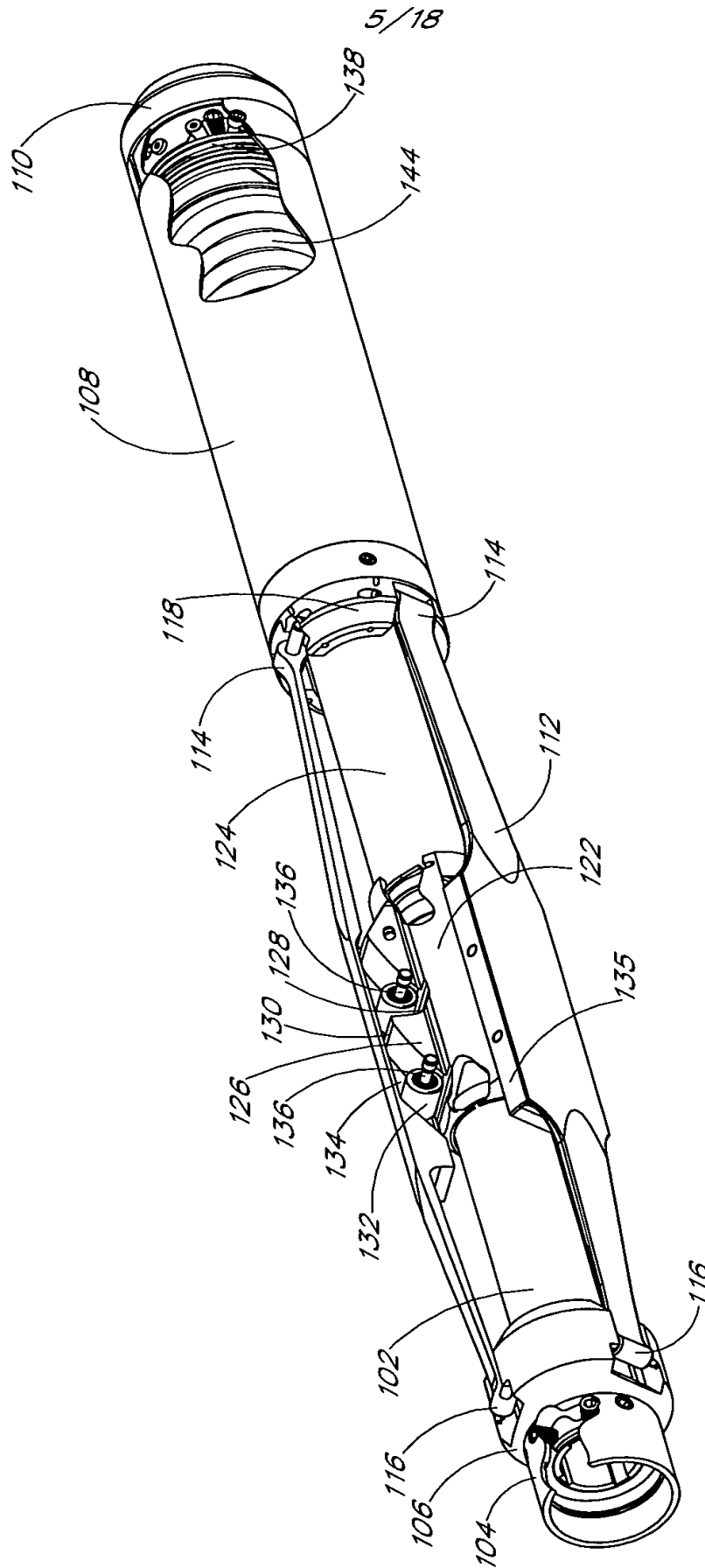
FIG. 4

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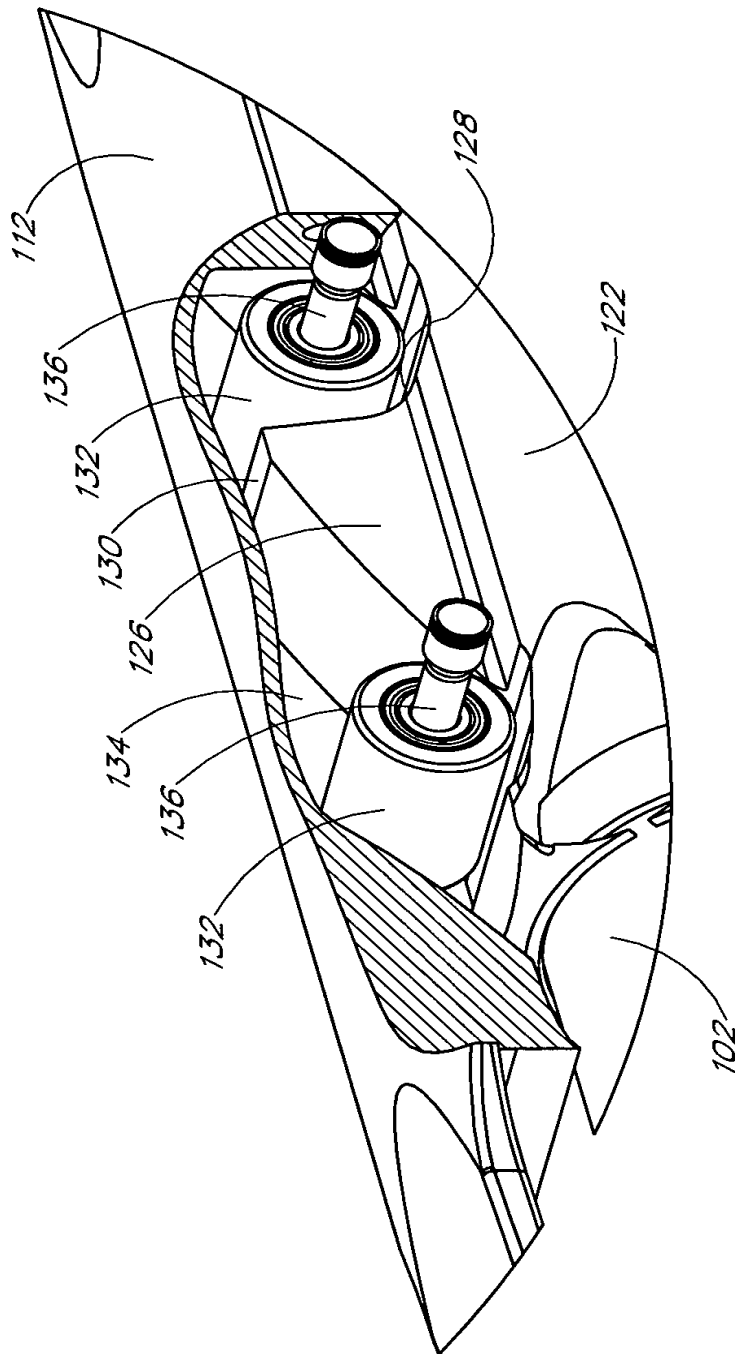


FIG. 6

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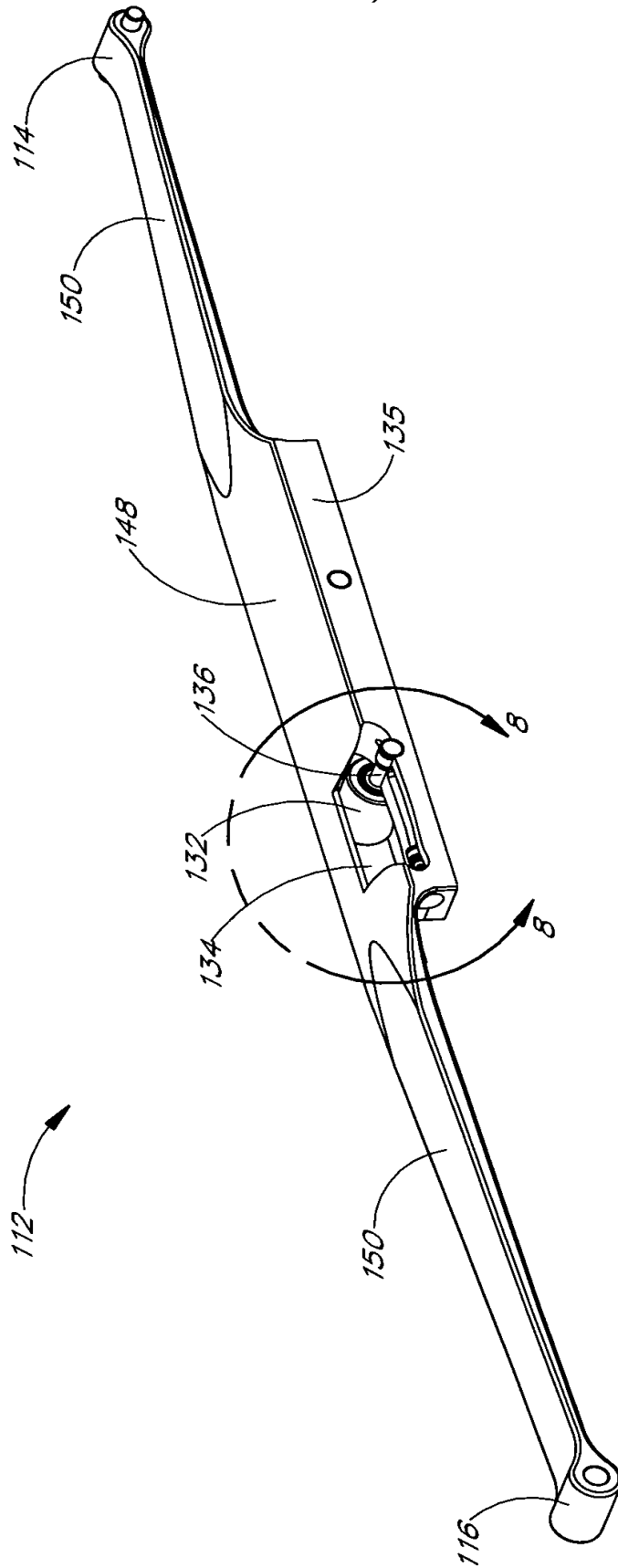


FIG. 7

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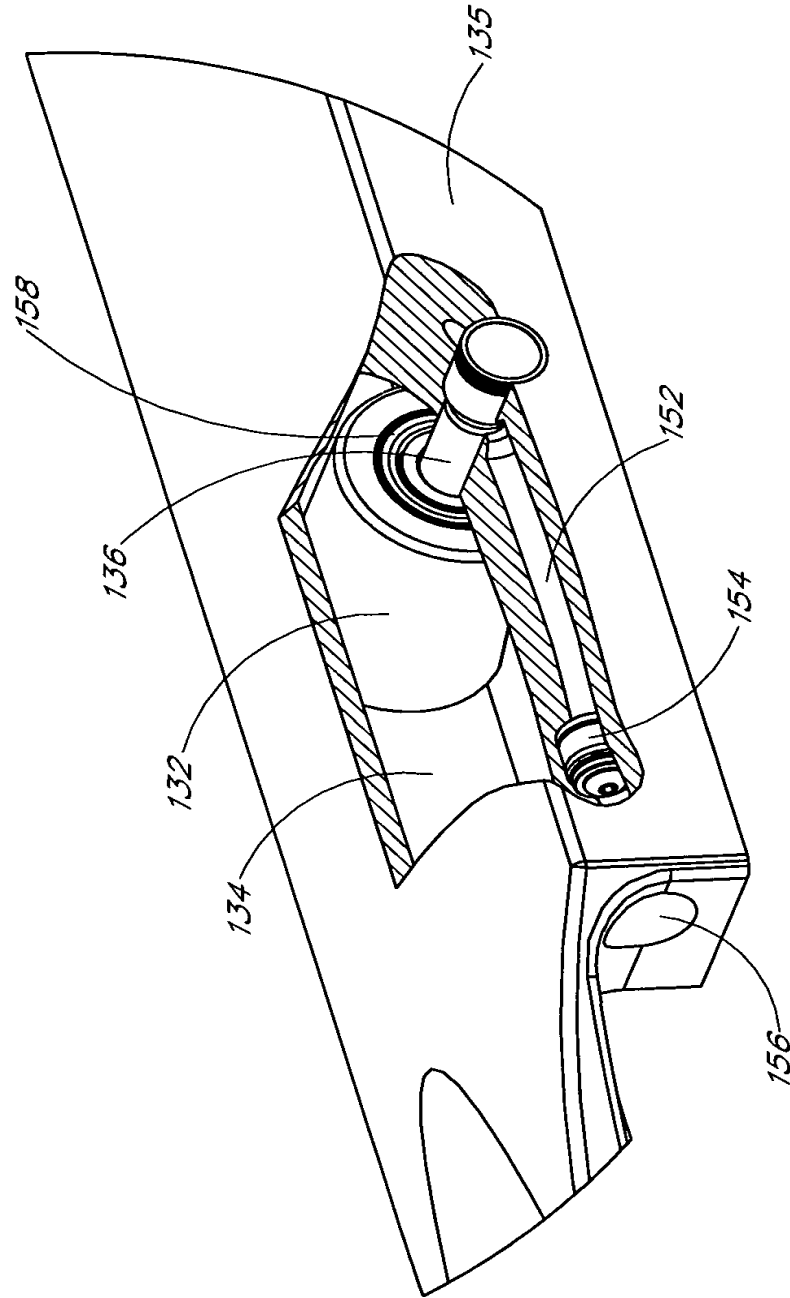


FIG. 8



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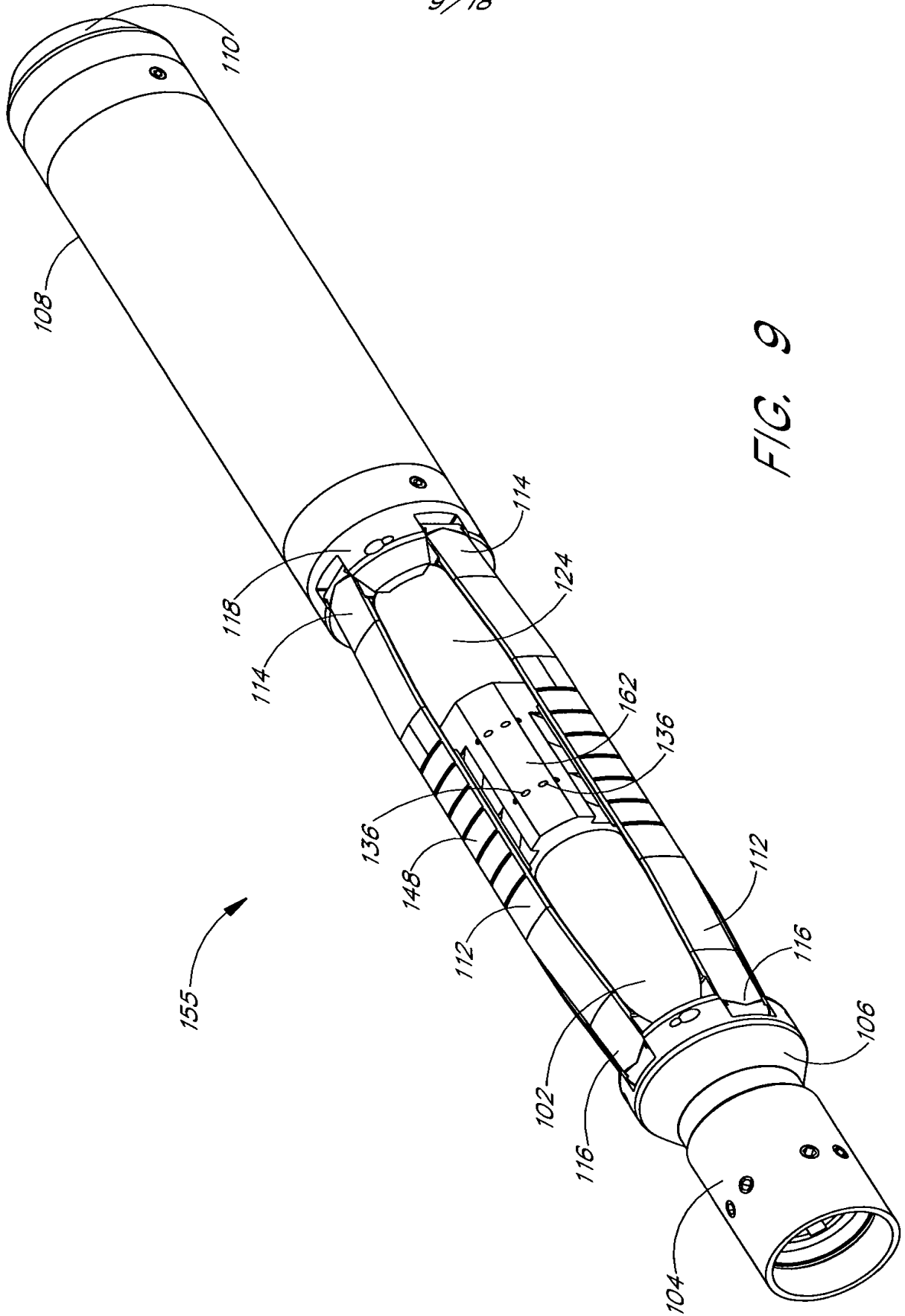


FIG. 9

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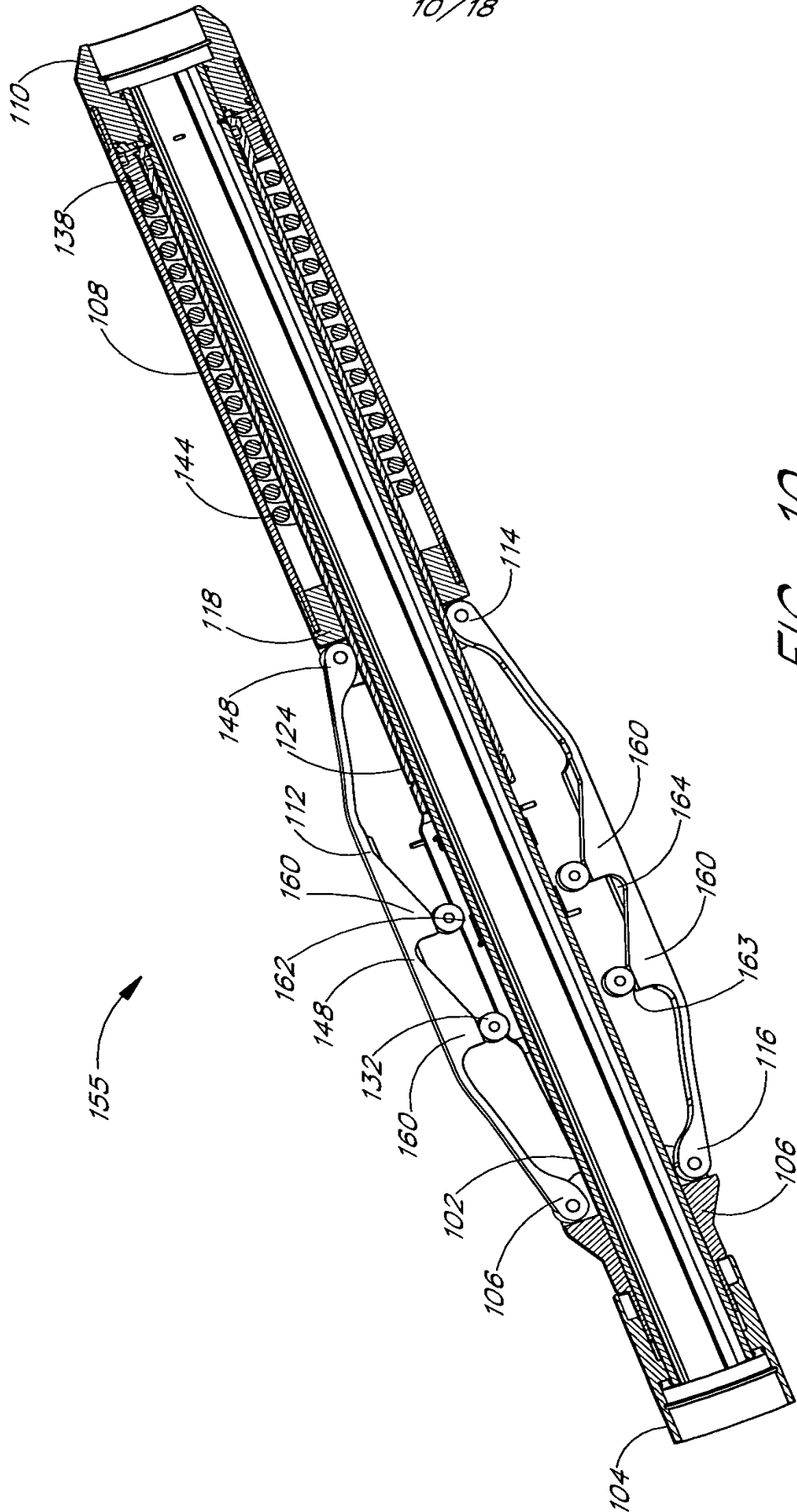


FIG. 10

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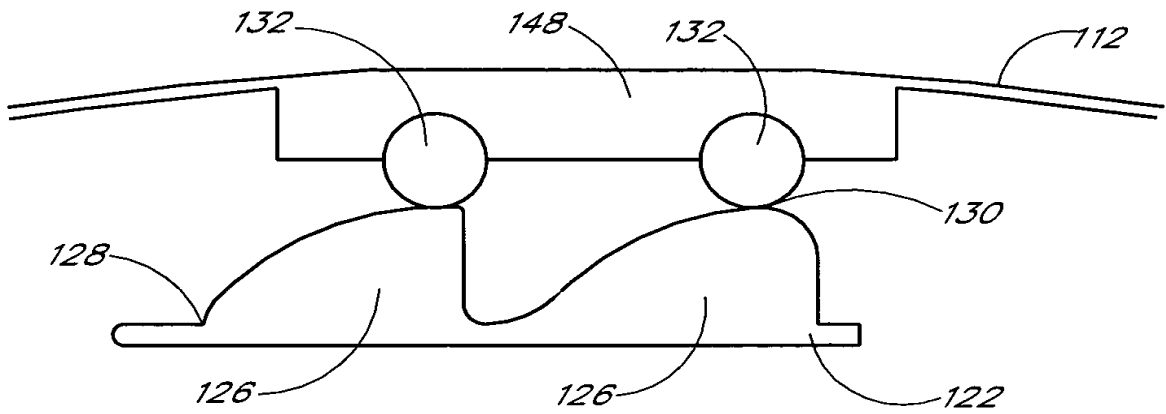


FIG. 11

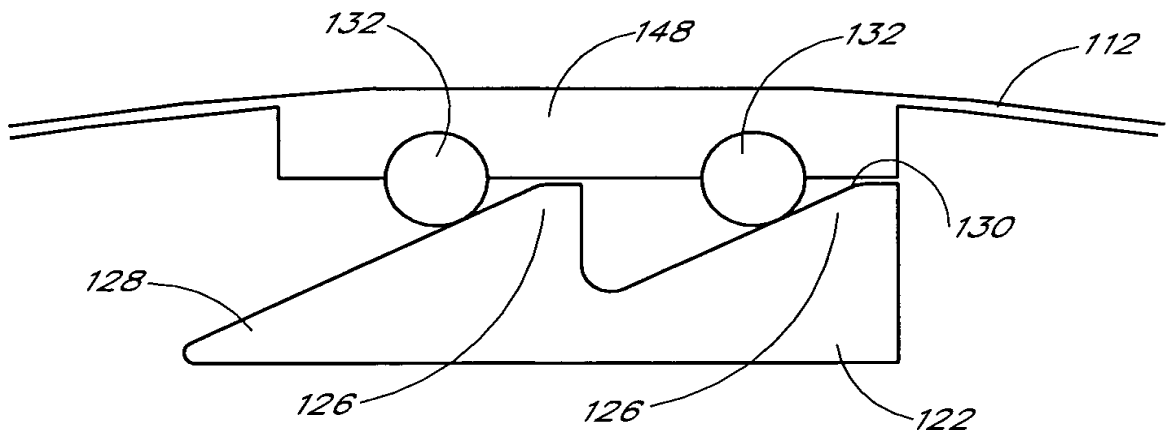


FIG. 12

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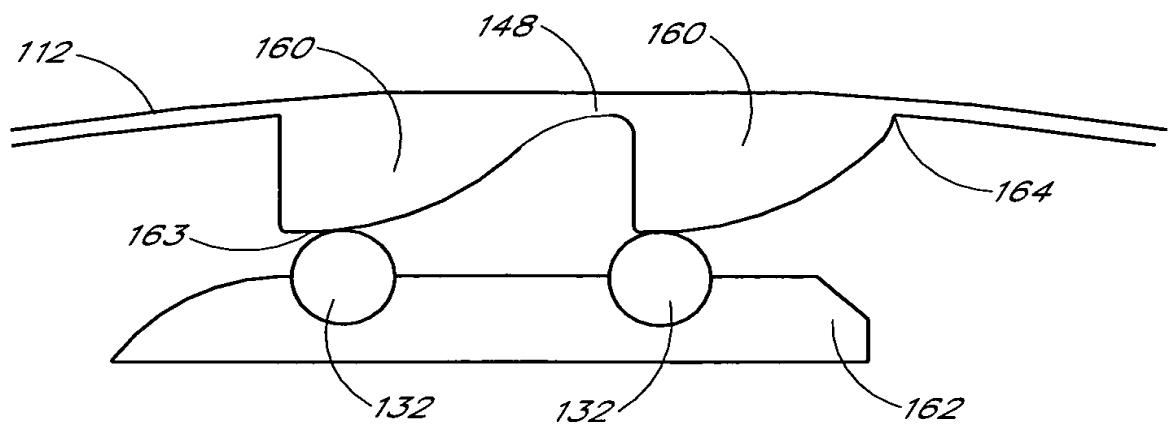


FIG. 13

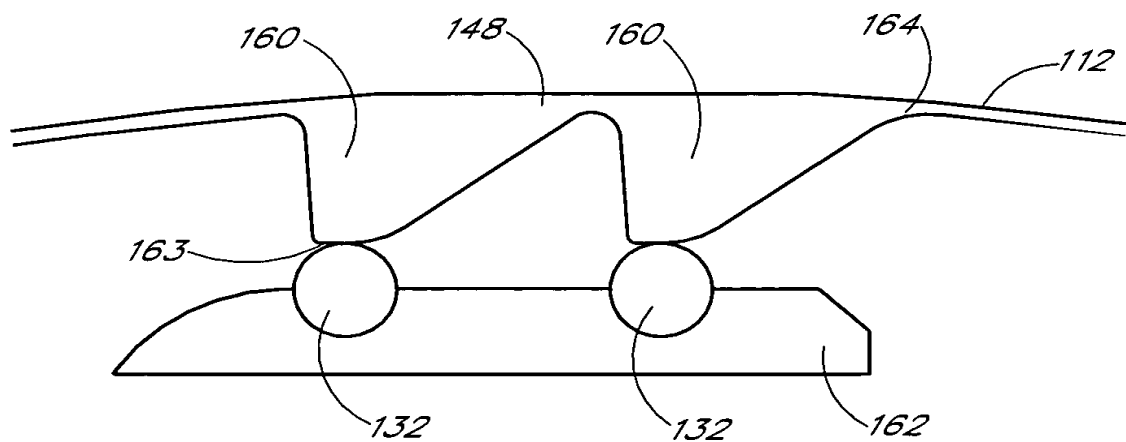


FIG. 14

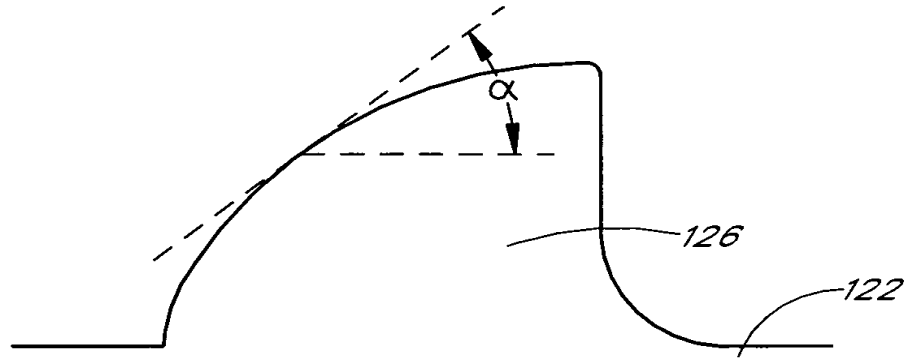


FIG. 15

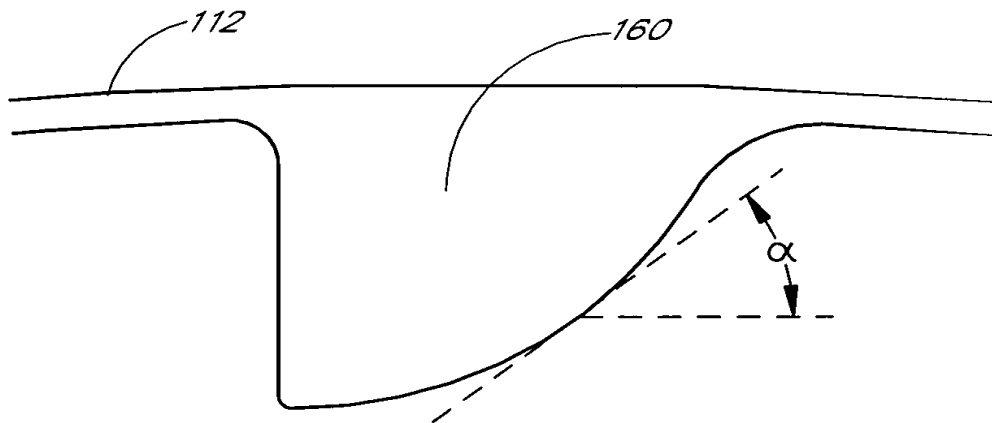


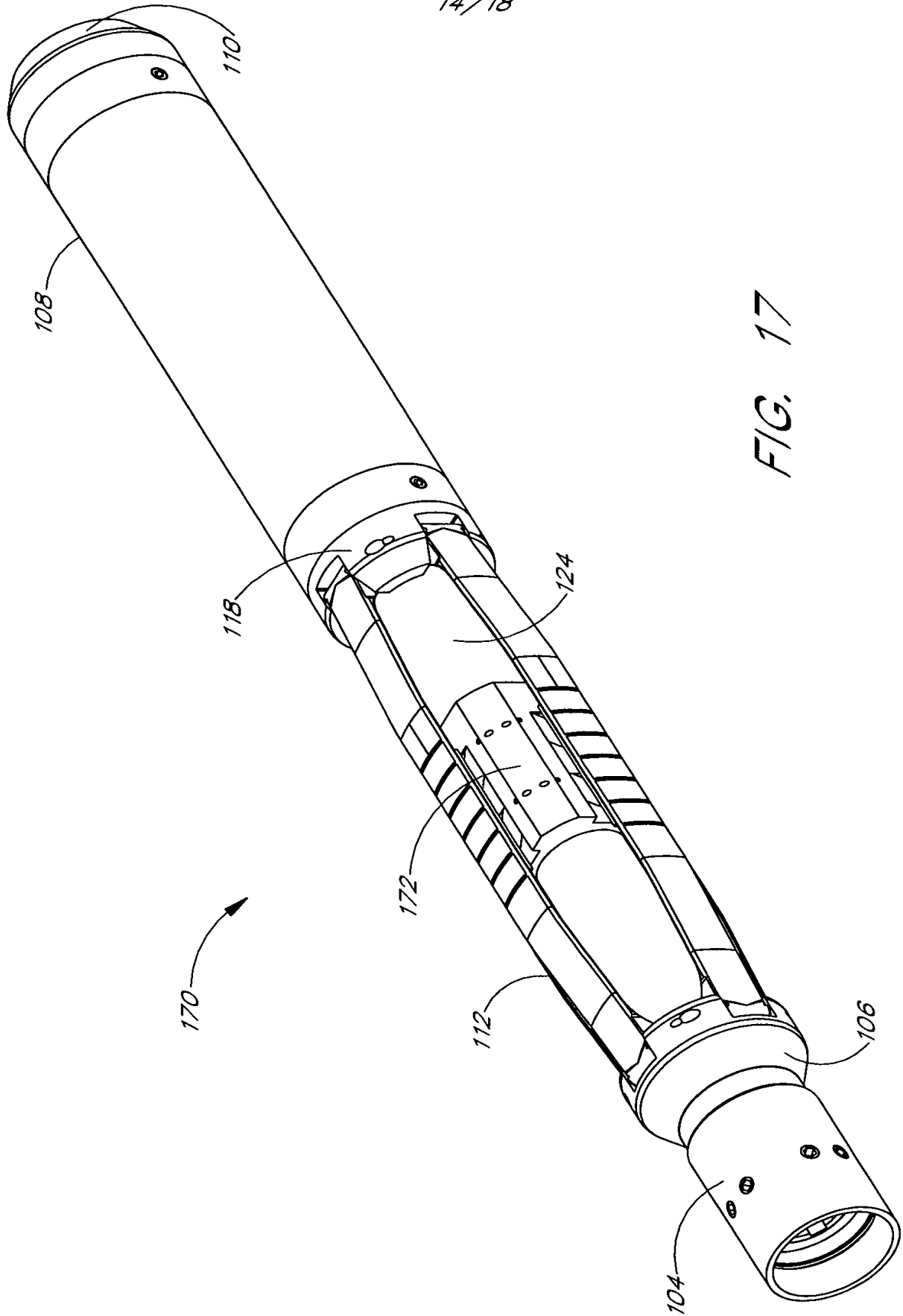
FIG. 16

GRIPPER ASSEMBLY FOR DOWNHOLE TOOLS

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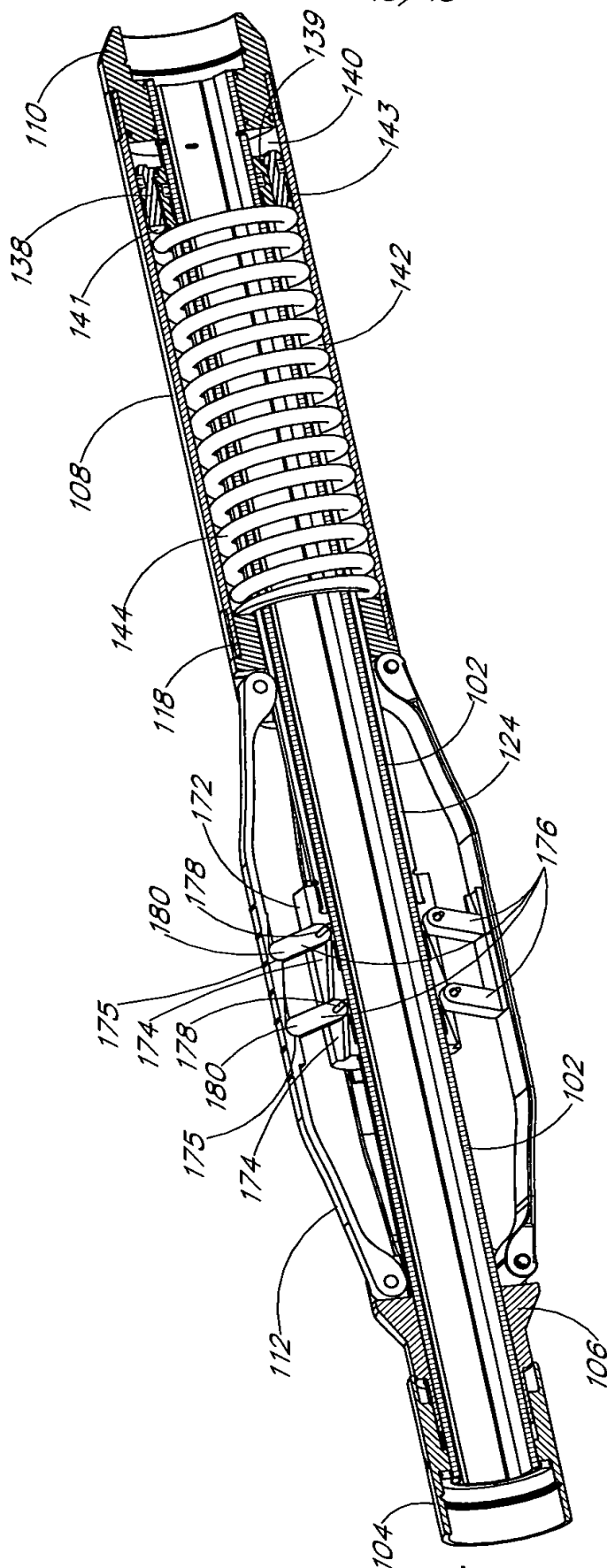
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*FIG. 18*



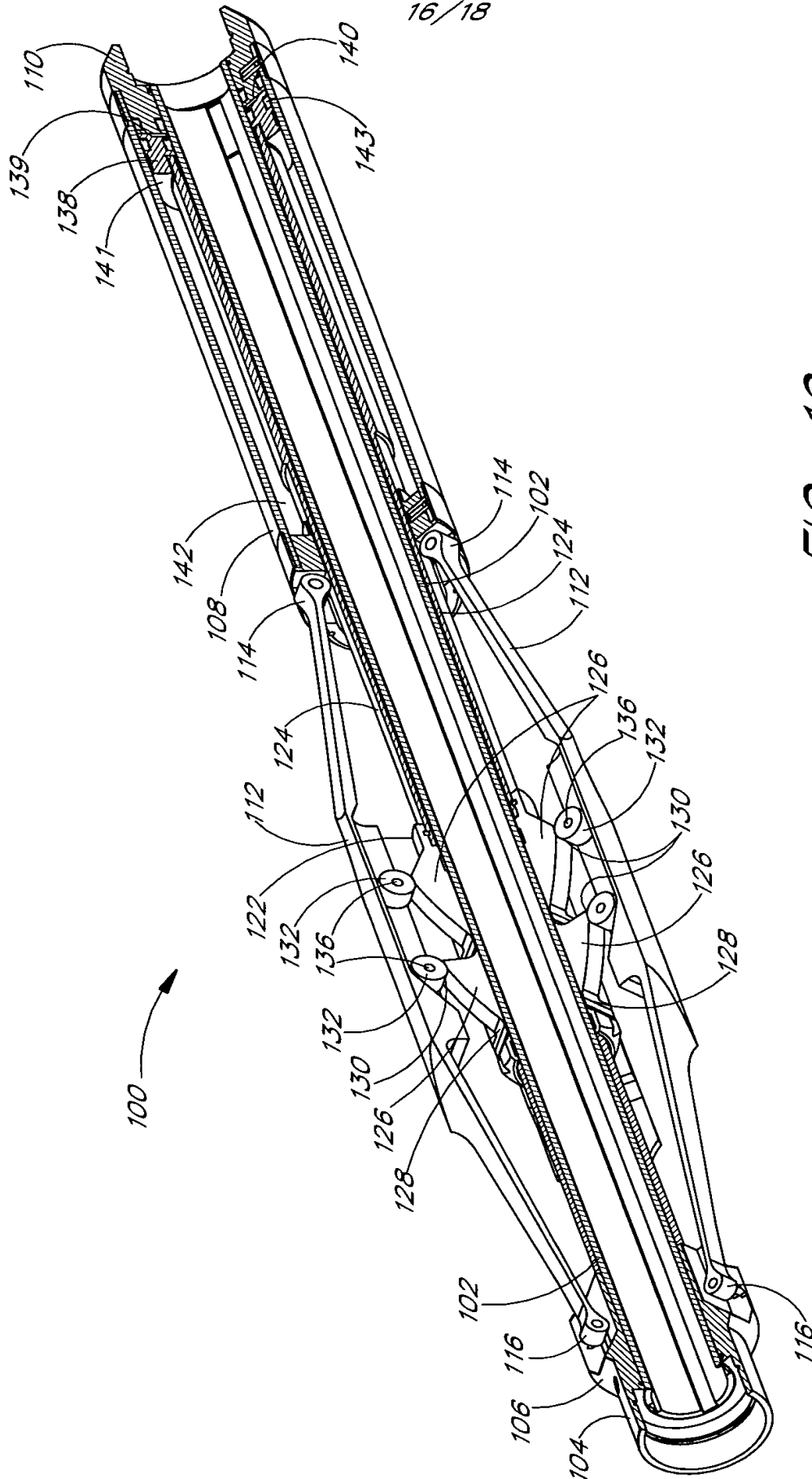
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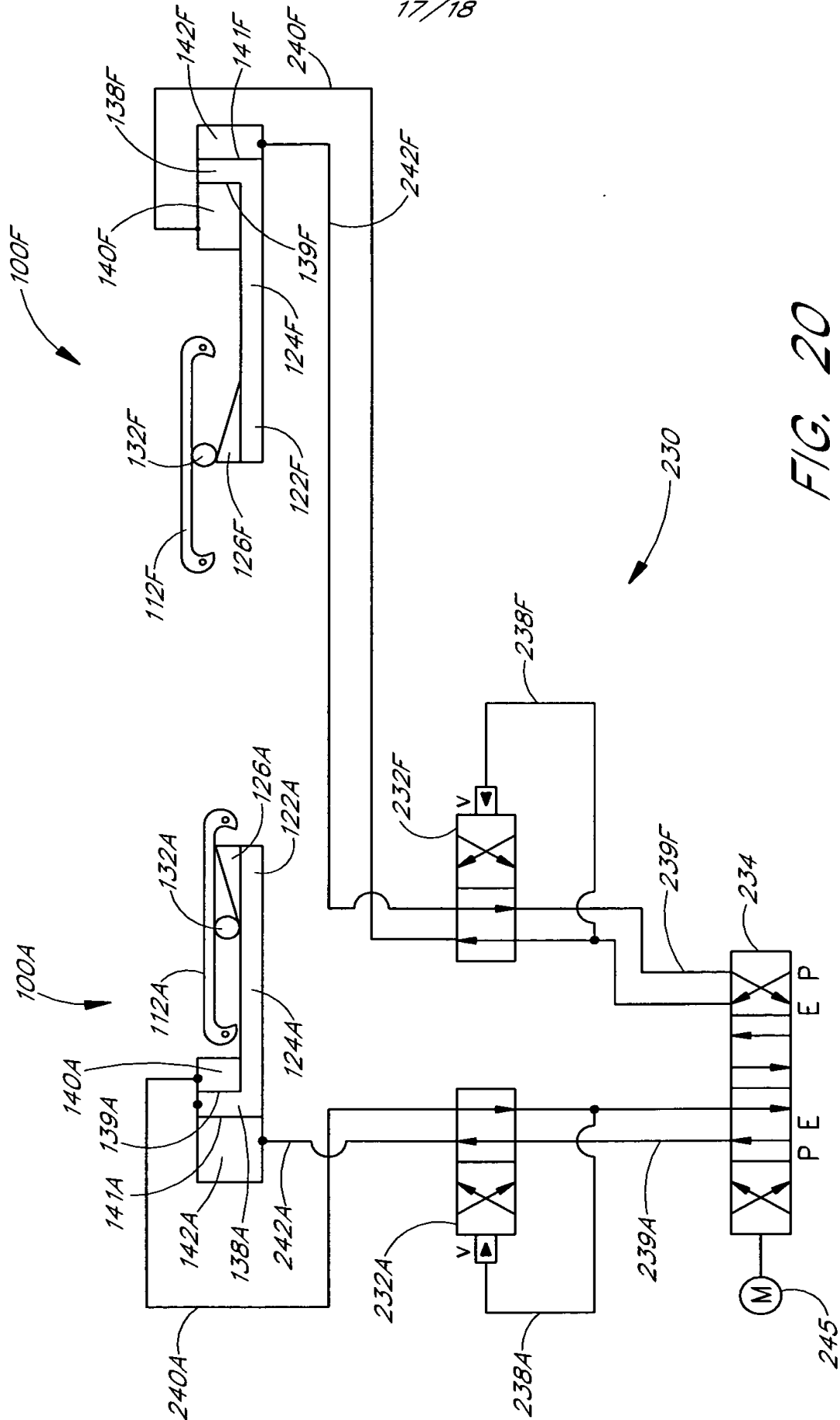
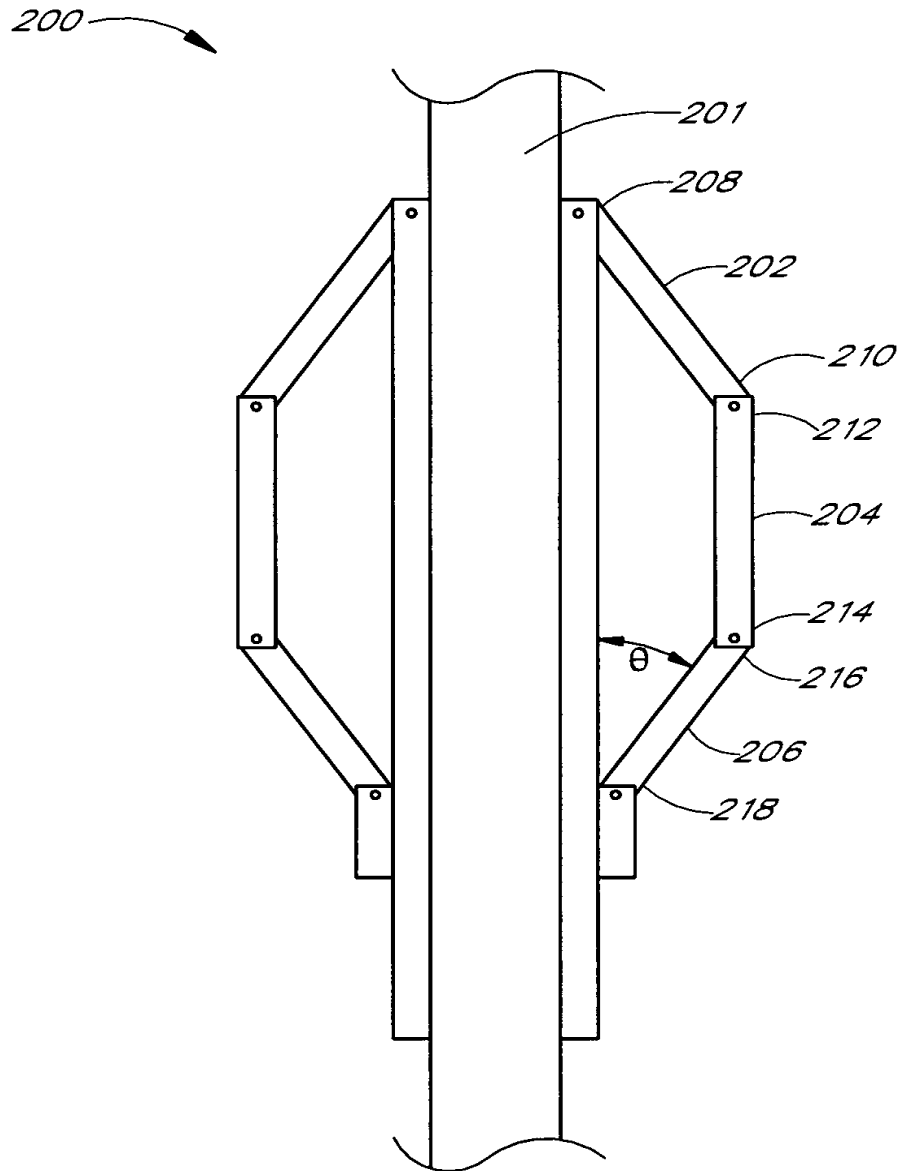


FIG. 20



**FIG. 21**  
(PRIOR ART)